Title (en)
HANDOVER FOR AN INTERMEDIATE NODE IN A WIRELESS COMMUNICATION NETWORK

Title (de)
ÜBERGABE FÜR EINEN ZWISCHENKNOTEN IN EINEM DRAHTLOSEN KOMMUNIKATIONSNETZ

Title (fr)
TRANSFERT INTERCELLULAIRE POUR UN N UD INTERMÉDIAIRE DANS UN RÉSEAU DE COMMUNICATION SANS FIL

Publication
EP 2769487 B1 20150812 (EN)

Application
EP 12706015 A 20120217

Priority
- US 201161550121 P 20111021
- EP 2012052739 W 20120217

Abstract (en)
[origin: US2013102312A1] The disclosure relates to an intermediate node arranged to relay information between a donor node and at least one served node, and comprises a served antenna arrangement that communicates by means of at least a first and second electrically steerable antenna radiation lobe. During a first mode of operation, all antenna radiation lobes are directed towards a first donor node. During a second mode of operation, the antenna radiation lobes are directed such that the intermediate node is in contact with both the first donor node and the second donor node. During a third mode of operation, all antenna radiation lobes are directed towards the second donor node. A first polarization is associated with each lobe directed towards the second donor node during the second mode of operation and a second polarization is associated with each lobe directed towards the first donor node during the second mode of operation.

IPC 8 full level
H04W 36/18 (2009.01); **H04B 7/155** (2006.01); **H04W 16/28** (2009.01)

CPC (source: EP US)
H04B 7/1555 (2013.01 - EP US); **H04W 16/28** (2013.01 - EP US); **H04W 36/08** (2013.01 - EP US); **H04W 36/18** (2013.01 - EP US); H04W 36/06 (2013.01 - EP US); H04W 84/047 (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 2013102312 A1 20130425; **US 8447307 B2 20130521**; BR 112014007289 A2 20170328; BR 112014007289 B1 20220426; CN 103875193 A 20140618; CN 103875193 B 20171215; DK 2769487 T3 20150914; EP 2769487 A1 20140827; EP 2769487 B1 20150812; KR 101874668 B1 20180802; KR 20140093953 A 20140729; MY 166909 A 20180724; US 2013324126 A1 20131205; US 8914030 B2 20141216; WO 2013056854 A1 20130425

DOCDB simple family (application)
US 201213396838 A 20120215; BR 112014007289 A 20120217; CN 201280051176 A 20120217; DK 12706015 T 20120217; EP 12706015 A 20120217; EP 2012052739 W 20120217; KR 20147013240 A 20120217; MY PI2014700764 A 20120217; US 201313895906 A 20130516